Albert, Félicie, Lawrence Livermore National Laboratory, Livermore, CA, "Laser Driven X-ray Sources for High Energy Density Science Experiments," selected by the Office of Fusion Energy Sciences.

Allison, Thomas K., Stony Brook University, Stony Brook, NY, "Ultrafast Dynamics of Molecules on Surfaces Studied with Time-Resolved XUV Photoelectron Spectroscopy," selected by the Office of Basic Energy Sciences.

Anna, Jessica M., University of Pennsylvania, Philadelphia, PA, "Tracking Photochemical and Photophysical Processes for Solar Energy Conversion via Multidimensional Electronic and Vibrational Spectroscopic Methods," selected by the Office of Basic Energy Sciences.

Baalrud, Scott D., University of Iowa, Iowa City, IA, "Transport Properties of Magnetized High-Energy-Density Plasma," selected by the Office of Fusion Energy Sciences.

Badu-Tawiah, Abraham K., The Ohio State University, Columbus, OH, "Visible Light Photo-Catalysis in Charged Micro-Droplets," selected by the Office of Basic Energy Sciences.

Barraza-Lopez, Salvador, University of Arkansas, Fayetteville, AR, "Quantum Phenomena in Few-Layer Group IV Monochalcogenides: Interplay among Structural, Thermal, Optical, Spin, and Valley Properties in 2D," selected by the Office of Basic Energy Sciences and the DOE Experimental Program to Stimulate Competitive Research.

Bruggeman, Peter J., University of Minnesota, Minneapolis, MN, "Non-Equilibrium Plasma-Interactions with Biomaterials, Biological Solutions and Tissues," selected by the Office of Fusion Energy Sciences.

Cheung, Alvin, University of Washington, Seattle, WA, "Using Verified Lifting to Optimize Legacy Stencil Codes," selected by the Office of Advanced Scientific Computing Research.

Ciston, Jim, Lawrence Berkeley National Laboratory, Berkeley, CA, "MAPSTER Microscopy: Multimodal Acquisition of Properties and Structure with Transmission Electron Reciprocal-space Microscopy," selected by the Office of Basic Energy Sciences.

Couch, Sean M., Michigan State University, East Lansing, MI, "The Core-collapse Supernova Sensitivity Machine," selected by the Office of Nuclear Physics.

Cusack, Daniela F., University of California, Los Angeles, Los Angeles, CA, "Consequences of Plant Nutrient Uptake for Soil Carbon Stabilization," selected by the Office of Biological and Environmental Research.

Du, Yingge, Pacific Northwest National Laboratory, Richland, WA, "Controlling Atomically Precise Ordering and Phase Transitions in Oxide Thin Films," selected by the Office of Basic Energy Sciences.

Engle, Jonathan W., Los Alamos National Laboratory, Los Alamos, NM, "Nuclear Data for Spallation Neutron Radioisotope Production," selected by the Office of Nuclear Physics.

Eremeev, Grigory V., Thomas Jefferson National Accelerator Facility, Newport News, VA, "Formation of Superconducting Nb_3Sn Phase for Superconducting Radio Frequency (SRF) Cavities," selected by the Office of Nuclear Physics.

Evangelista, Francesco A., Emory University, Atlanta, GA, "Advanced Electronic Structure Theories for Strongly Correlated Ground and Excited States," selected by the Office of Basic Energy Sciences.

Flint, Rebecca, Iowa State University, Ames, IA, "Exotic Kondo Phases: the Non-Kramers Doniach Phase Diagram," selected by the Office of Basic Energy Sciences.

Fout, Alison R., University of Illinois, Champaign, IL, "Bio-inspired Catalysts Featuring Earth Abundant Metals and Secondary Coordination Sphere Interactions for the Reduction of Oxyanions," selected by the Office of Basic Energy Sciences.

Gates, Jacklyn M., Lawrence Berkeley National Laboratory, Berkeley, CA, "Mass Measurements and Decay Spectroscopy of the Heaviest Elements," selected by the Office of Nuclear Physics.

Hahn, Kristian A., Northwestern University, Evanston, IL, "Dark Matter and Track Triggering with the CMS Experiment," selected by the Office of High Energy Physics.

Hofmockel, Kirsten S., Pacific Northwest National Laboratory, Richland, WA, "Molecular Interactions of the Plant-Soil-Microbe Continuum of Bioenergy Ecosystems," selected by the Office of Biological and Environmental Research.

Hong, Xia, University of Nebraska, Lincoln, NE, "Nanoscale Ferroelectric Control of Novel Electronic States in Layered Two-Dimensional Materials," selected by the Office of Basic Energy Sciences and the DOE Experimental Program to Stimulate Competitive Research.

Hsu, Shih-Chieh, University of Washington, Seattle, WA, "Search for Dark Matter using mono-Higgs and the ATLAS Pixel Detector," selected by the Office of High Energy Physics.

Humble, Travis S., Oak Ridge National Laboratory, Oak Ridge, TN, "Accelerating Applications of High-Performance Computing with Quantum Processing Units," selected by the Office of Advanced Scientific Computing Research.

Jin, Yier, University of Central Florida, Orlando, FL, "Resilient and Robust High Performance Computing Platforms for Scientific Computing Integrity," selected by the Office of Advanced Scientific Computing Research.

Kolasinski, Robert D., Sandia National Laboratories, Livermore, CA, "Characterizing the Dynamic Response of Surfaces to Plasma Exposure," selected by the Office of Fusion Energy Sciences.

Kolemen, Egemen, Princeton University, Princeton, NJ, "Physics-Based Real-time Analysis and Control to Achieve Transient-Free Operations for the ITER Era," selected by the Office of Fusion Energy Sciences.

Krogstad, Jessica A., University of Illinois, Champaign, IL, "Dynamic, Robust, Radiation-Resistant Ceramics: Harnessing Thermodynamic and Kinetic Driving Forces," selected by the Office of Basic Energy Sciences.

Lehner, Christoph, Brookhaven National Laboratory, Upton, NY, "New Methods Enabling a Precise First-Principles Computation of the Muon Anomalous Magnetic Moment," selected by the Office of High Energy Physics.

Mayes, Melanie A., Oak Ridge National Laboratory, Oak Ridge, TN, "A Comprehensive Framework for Modeling Emissions from Tropical Soils and Wetlands," selected by the Office of Biological and Environmental Research.

McFarlane, Karis J., Lawrence Livermore National Laboratory, Livermore, CA, "Tropical Forest Response to a Drier Future: Turnover Times of Soil Organic Matter, Roots, Respired CO_2, and CH_4 across Moisture Gradients in Time and Space," selected by the Office of Biological and Environmental Research.

Mitchell, Chad, Lawrence Berkeley National Laboratory, Berkeley, CA, "Compensation of Nonlinear Space Charge Effects for Intense Beams in Accelerator Lattices," selected by the Office of High Energy Physics.

Moran, James J., Pacific Northwest National Laboratory, Richland, WA, "Spatially Resolved Rhizosphere Function: Elucidating Key Controls on Nutrient Interactions," selected by the Office of Biological and Environmental Research.

Muchero, Wellington, Oak Ridge National Laboratory, Oak Ridge, TN, "Host-Microbial Genetic Features Mediating Symbiotic Interactions in the Bioenergy Crop Salix," selected by the Office of Biological and Environmental Research.

Neidig, Michael L., University of Rochester, Rochester, NY, "Electronic Structure, Bonding and Reactivity in f-Element Chemistry," selected by the Office of Basic Energy Sciences.

Neilson, Jamie R., Colorado State University, Fort Collins, CO, "Informed Materials Design Principles from Local Structures and Dynamics In Hybrid Inorganic-Organic Perovskite Halides," selected by the Office of Basic Energy Sciences.

Nowack, Katja C., Cornell University, Ithaca, NY, "Magnetic Imaging of Topological Phases of Matter," selected by the Office of Basic Energy Sciences.

Peay, Kabir G., Stanford University, Palo Alto, CA, "Does Mycorrhizal Symbiosis Determine the Climate Niche for *Populus* as a Bioenergy Feedstock?," selected by the Office of Biological and Environmental Research.

Posen, Sam, Fermi National Accelerator Laboratory, Batavia, IL, "Developing the Next Generation of Superconducting RF Cavities with Nb_3Sn," selected by the Office of High Energy Physics.

Raaf, Jennifer L., Fermi National Accelerator Laboratory, Batavia, IL, "Coming in from the Cold: A High-Pressure Gaseous Argon Time Projection Chamber as an Option for the DUNE Near Detector," selected by the Office of High Energy Physics.

Redshaw, Matthew, Central Michigan University, Mount Pleasant, MI, "High-precision Penning trap Measurements of β-decay Q-values for Neutrino Physics," selected by the Office of Nuclear Physics.

Rozo, Eduardo, University of Arizona, Tucson, AZ, "Constraining Dark Energy with Galaxy Clusters and Baryon Acoustic Oscillations," selected by the Office of High Energy Physics.

Schulman, Rebecca, The Johns Hopkins University, Baltimore, MD, "Resilient Hydrogels from the Nanoscale to the Macroscale," selected by the Office of Basic Energy Sciences.

Sharp, Ian D., Lawrence Berkeley National Laboratory, Berkeley, CA, "Overcoming Charge Transport Limitations in Thin Film Semiconductor Photoelectrodes," selected by the Office of Basic Energy Sciences.

Shaw, John B., University of Arkansas, Fayetteville, AR, "The Dynamics and Stratigraphy of Distributary Channel Networks," selected by the Office of Basic Energy Sciences and the DOE Experimental Program to Stimulate Competitive Research.

Tamboli, Adele C., National Renewable Energy Laboratory, Golden, CO, "Harnessing Order Parameter in Ternary II-IV-V_2 Semiconductors," selected by the Office of Basic Energy Sciences.

van Tilborg, Jeroen, Lawrence Berkeley National Laboratory, Berkeley, CA, "A Compact Laser-Plasma-Accelerator-Based FEL for Ultra-Fast Hyper-Spectral Experiments," selected by the Office of Basic Energy Sciences.

Webster, Clayton G., Oak Ridge National Laboratory, Oak Ridge, TN, "Mathematical Methods for Optimal Polynomial Recovery of High-Dimensional Systems from Noisy Data," selected by the Office of Advanced Scientific Computing Research.

Wen, Haidan, Argonne National Laboratory, Lemont, IL, "Understanding Mesoscale Nonequilibrium Heterogeneity by Multimodal X-ray Imaging," selected by the Office of Basic Energy Sciences.

Wrede, Christopher, Michigan State University, East Lansing, MI, "Critical Thermonuclear Reactions in Classical Novae and Type I X-ray Bursts," selected by the Office of Nuclear Physics.